4.

	P10/SB/05 (12/97)
Please type a plus sign (+) inside this box A 🕂	Approved for use through 09/30/00. OMB 0651-0032 **
7 <sub>6</sub>	Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION

Attorney Docket No. TI-28984A First Named Inventor or Application Identifier Anand G. Dabak, et al. Space Time Transmit Diversity For TDD/WCDMA Systems

**TRANSMITTAL** (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EV 333323815 US Commissioner for Patents ADDRESS TO: APPLICATION ELEMENTS О Box Patent Application See MPEP Chapter 600 concerning utility patent application contents Alexandria, VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) Microfiche Computer Program (Appendix) 6. (Submit an original, and a duplicate for fee processing) Specification [Total Pages Nucleotide and/or Amino Acid Sequence Submission 25 Χ 7. 2. (if applicable, all necessary) (preferred arrangement set forth below) - Descriptive title of the Invention Computer Readable Copy а - Cross References to Related Applications - Statement Regarding Fed sponsored R&D b Paper Copy (identical to computer copy) - Reference to Microfiche Appendix - Background of the Invention Statement verifying identical of above copies C - Brief Summary of the Invention - Brief Description of the Drawings (if filed) ACCOMPANYING APPLICATION PARTS - Detailed Description - Claim(s) 8. Assignment Papers (cover sheet & Documents(s)) - Abstract of the Disclosure 37 CFR §3.73(b) Statement Power of 9 Drawing(s) (35 USC d113) FORMALS [Total Sheets 3. 9. (when there is an assignee) Attorney 3 ITotal Pages Oath or Declaration 10. English Translation Document (if applicable) Information Disclosure Copies of IDS X Newly Executed (original or copy) 11. a. Statement (IDS)/PTO-1449 Citations Copy from a prior application (37 CFR §1.63(d)) X 12 Preliminary Amendment h (for continuation/divisional with Box 17 completed) [Note Box 5 below] Return Receipt Postcard (MPEP 503) X 13. (Should be specifically itemized) Small Entity Statement filed in prior application **DELETION OF INVENTOR(S)** 14. Statement(s) Status still proper and desired Signed statement attached deleting inventor(s) named in the prior application, (PTO/SB/09-12) see 37 CFR §1.63(d)(2) and 1.33(b). Certified Copy of Priority Document(s) 15. if foreign priority is claimed) Incorporation By Reference (useable if Box 4b is checked) Other: 5. 16. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is A new statement is required to be entitled to pay small entity fees, except hereby incorporated by reference therein. where one has been filed in a prior application and is being relied upon 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment: of prior application No: 09/514,452. X Continuation □ Divisional Continuation-in-part (CIP) Prior application information: **Examiner Derrick Ferris** Group / Art Unit: 2663 18. CORRESPONDENCE ADDRESS 23494 X Customer Number or Bar Code Label Correspondence address below (Insert Customer No. or Attach bar code label here) NAME RONALD O. NEERINGS Texas Instruments Incorporated **ADDRESS** Mail Station 3999 P. O. Box 655474 CITY STATE ZIP CODE **Dallas** TX 75265 COUNTRY TELEPHONE U.S.A. (972) 917-5299 (972)917-4418 Name (Print/Type) **RONALD O. NEERINGS** Registration No. (Attorney/Agent) 34,227 Date Signature 0

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997 Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

(\$) 770.00

TOTAL AMOUNT OF PAYMENT

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Complete If Known							
Application Number	TBD						
Filing Date	HEREWITH						
First Named Inventor	Anand G. Dabak, et al.						
Examiner Name	TBD						
Group / Art Unit	TBD						
Attorney Docket No.	TI- 28984A						

METHOD OF PAYMENT					FEE CALCULATION (continued)								
The Commissioner is hereby authorized to charge to the following Deposit Account,					3.	ADDIT	IONAL	. FEES		-			
Deposit Account Number	Deposit Account 20_0668				Large Fee	Entity Fee	Small Fee	Entity Fee					
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Deposit Account Name  Texas Instruments Incorporated				105	130	205	65	•	late filing fee				
Name Texas instruments incorporated				127	50	227	25	Surcharge - cover sheet.	late provisional filing fee or				
Charge any additional fee Charge all indicated fees and any additional fee required or credit any						130	139	130	Non-English	specification			
overpayment credit any overpayment						2,520	147	2,520	For filing a r	equest for reexamination			
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	F	EE CALC	ULATION		115	110	215	55	Extension fo	or reply within first month			
1. BASIC	FILING	FEE			116	400	216	200	Extension of	f time within second month			
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Large Entity Fee Fee	Fee		Fee Description	Fee Paid	118	1,510	218	755	Extension of	f time within fourth month			
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101 790	201	395	Utility filing fee	\$770	119	310	219	155	Notice of Ap	peal			
106 330	206	165	Design filing fee	\$	120	310	220	155	Filing a brief	f in support of an appeal			
107 540	207	270	Plant filing fee	\$	121	270	221	135	Request for	oral hearing			
108 790	208		Reissue filing fee	\$	138	1,510	138	1,510	Petition to in	stitute a pubic use proceeding			
114 150	214		Provisional filing fee	\$	140	110	240	55	Petition to re	evive - unavoidable			
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			SOBIOTAL (I)	(\$)770	142 143	1,320	242	660	Utility issue	fee (or reissue)			
2. EXTRA CLAIM FEES						450	243	225	Design issu				
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Fee from						50	123	50		ated to provisional applications			
Extra Claims below Fee Paid						240	126	240		of Information Disclosure Stmt.			
Total Claims 3 -20**= 0 x 18 = 0					126 581	40	581	40		each patent assignment per			
Independent 1 -3** = 0 x 86 = 0									properly (tim	ne number of properties)			
Multiple Dependent 290 = 0				146	790	246	395	CFR 1.129(	**				
**or number previous	sly paid,	if greater, For	Reissue, see below		149	790	249	395		ditional invention to be 37 CFR 1.129(b))			
Large Entity	Sma	II Entity											
Fee Fee	Fee	Fee	Fee Descri	iption									
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103 22	203	11	Ciainis in excess of 20		Oth	er fee (s	pecny	)					
102 82	202	41	Independent Claims in e	xcess of 3									
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109 82	209	41	**Reissue independent claims over original patent Other fee (specify)										
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SUBMITTED BY									Reg. Number				
Typed or Printed Name RONALD O. NEERINGS					<sub>1</sub>		Date		Deposit Account User ID	34,227			
Signature To. New				nj		41	1/3/	Ju	S S S S S S S S S S S S S S S S S S S				

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Anand G. Dabak, et al.

Docket No.: TI-28984A

Serial No.: **TBD**  Examiner: TBD

MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(a)

with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-

I hereby certify that the above correspondence is being deposited

Filed: Herewith

Art Unit: TBD

For: SPACE TIME TRANSMIT DIVERSITY Conf. No.:

**TBD** 

FOR TDD/WCDMA SYSTEMS

## LETTER TO THE OFFICIAL DRAFTS PERSON

Commissioner for Patents Attn: Official Drafts Person Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith are 9 sheets of formal drawings.

The enclosed drawings are being provided in a timely manner therefore no additional fee is necessary.

No fee is believed by Applicant to be due; however, the Commissioner is hereby authorized and requested to charge any necessary fee to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,

Texas Instruments Incorporated P. O. Box 655474, MS 3999

Dallas, Texas 75265

(972) 917-5299

Ronald O. Neerings Attorney for Applicants

Reg. No.: 34,227